

**RoHS
Compliant**



Description

MC002745 is a solvent based conformal coating designed to protect PCBs. Supplied in aerosol form, the product should be applied directly to the substrate and the quality of coverage checked using a blacklight. Substrates should be thoroughly cleaned before coating and coating thickness between 25-75 microns should be applied.

Typical Properties

Liquid Properties

Appearance	: Clear liquid
Density @ 20°C (g/ml)	: 0.96
VOC Content	: 63%
Flash Point	: Approx. 27°C
Solids content	: 37%
Touch Dry Time @ 20°C	: 15 minutes
Recommended Drying Time	: 24 Hours @ 20°C Or 2 Hours @ 20°C followed by 2 Hours @ 90°C

Dry Film Coating

Colour	: Colourless
Operating Temperature Range	: -40°C to +120°C
Flammability	: Meets UL94 V-1
Dielectric Strength	: 60 kV/mm
Dielectric Constant	: 3
Insulation Resistance	: $1 \times 10^{14} \Omega/\text{cm}$
Moisture Resistance	: Pass
Salt Spray	: Pass
Shelf Life	: 36 months

Part Number Table

Description	Part Number
Flexible Silicone Coating, Clear Liquid, 400ml, Aerosol	MC002745

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